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P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

DATE MAILED: 10/20/2008

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

881 7590 10/20/2008 STITES & HARBISON PLLC 1199 NORTH FAIRFAX STREET SUITE 900

ALEXANDRIA, VA 22314

EXAMINER
MILLER, BENA B
ART UNIT PAPER NUMBER
1775

| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |  |  |
|---|-------------|----------------------|---------------------|------------------|--|--|--|
| 10/799,600  | 03/15/2004  | Ronald W. McGehee    | P08207US02/MP       | 8262             |  |  |  |
| TITLE OF INVENTION: OPTIMIZING PLANER SYSTEM AND METHOD |             |                      |                     |                  |  |  |  |

 APPLN. TYPE
 SMALL ENTITY
 ISSUE FEE DUE
 PUBLICATION FEE DUE
 PREV. PAID ISSUE FEE
 TOTAL FEES ) DUE
 DATE DUE

 nonprovisional
 YES
 \$755
 \$300
 \$0
 \$1055
 01/20/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT, PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and I/2 the ISSUE FFE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| appropriate. All further<br>indicated unless corrects<br>maintenance fee notifica  | correspondence includir<br>ed below or directed oth<br>tions   | ng the Patent, advance of<br>nerwise in Block 1, by (   | orders and notification<br>a) specifying a new o   | of n  | naintenance fees wi<br>pondence address;   | II be<br>and/or                             | mailed to the current<br>(b) indicating a sepa   | com                                     | espondence address as<br>"FEE ADDRESS" for   |
|--|--|---|--|---|--|---|--|---|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)   |  |   |  | Fee(  | <ul> <li>s) Transmittal. This<br/>rs. Each additional</li> </ul>   | certif                                      | cate cannot be used for  | or ar                                   | mestic mailings of the<br>ny other accompanying<br>formal drawing, must  |
| 1199 NORTH F<br>SUITE 900  | RBISON PLLC<br>AIRFAX STREET   | V2008   |  |   | Cert   | ificate                                     | of Mailing or Trans  | miss<br>dep<br>it cla<br>abor<br>ate ir | tion posited with the United tess mail in an envelope we, or being facsimile ndicated below.                                   |
| ALEXANDRIA   | , VA 22314   |   |  | L   |  |   |  |   | (Depositor's name)   |
|  |  |   |  | ┝   |  |   |  |   | (Signature)  |
|  |  |   |  | L   |  |   |  |   | (Date)   |
| APPLICATION NO.  | FILING DATE  |   | FIRST NAMED INVEN  | TOR   |  | ATTORNEY DOCKET NO                          |  | CONFIRMATION NO.                        |  |
| 10/799,600<br>TITLE OF INVENTION   | 03/I5/2004<br>: OPTIMIZING PLANE   | R SYSTEM AND MET  | Ronald W. McGeh<br>HOD   | ice   |  | P   | 08207US02/MP   |   | 8262   |
| APPLN, TYPE  | SMALL ENTITY   | ISSUE FEE DUE   | PUBLICATION FEE D  | OUE   | PREV. PAID ISSUE   | FEE   | TOTAL FEE(S) DUE   | Т                                       | DATE DUE   |
| nonprovisional   | YES  | \$755   | \$300  |   | \$0  |   | \$1055   |   | 01/20/2009   |
| EXAM   | IINER  | ART UNIT  | CLASS-SUBCLASS   | S   |  |   |  |   |  |
| MILLER,  |  | 3725  | I44-II4100   |   |  |   |  |   |  |
| "Fee Address" ind<br>PTO/SB/47; Rev 03-0<br>Number is required.  3. ASSIGNEE NAME A  | ondence address (or Cha<br>3/122) attached.<br>ication (or "Fee Address<br>12 or more recent) attach<br>ND RESIDENCE DATA<br>less an assignce is ident<br>h in 37 CFR 3.11. Comp | inge of Correspondence "Indication form and Use of a Customer   | or agents OR, alter (2) the name of a segistered attorney 2 registered patent listed, no name will THE PATENT (print of      | rnativ<br>single<br>or a<br>t attor<br>II be<br>or typ<br>he pa<br>g an | e firm (having as a<br>agent) and the name<br>meys or agents. If n<br>printed.<br>ee)<br>atent. If an assigne<br>assignment. | memb<br>s of u<br>o nam<br>e is ic          | er a 2o to e is 3  | œun                                     | nent has been filed for  |
| Please check the appropr   | iate assignee category or  | categories (will not be p   | rinted on the patent):   | ٥   | Individual 🚨 Cor   | rporati                                     | on or other private gro  | oup e                                   | entity Government  |
| 4a. The following fee(s)  Issue Fee Publication Fee (N   | vo small entity discount p   |   | b. Payment of Fee(s): ( A check is enclose Payment by credi The Director is he overpayment, to I                             | sed.<br>it can<br>ereby   | d. Form PTO-2038   | is atta                                     | ched.  | ficie                                   |  |
|  | s SMALL ENTITY state   | as. See 37 CFR 1.27.  |  |   |  |   | TITY status. See 37 CE   |   |  |
| NOTE: The Issue Fee an<br>interest as shown by the   | records of the United Sta  | ites Patent and Trademarl   | k Office.  | 0   |  | d   |  |   | g or outer party III   |
| Authorized Signature   |  |   |  |   | Date   |   |  |   |  |
| Typed or printed name  |  |   |  |   | Registration No  |   |  |   |  |
| This collection of inform<br>an application. Confiden<br>submitting the complete<br>this form and/or suggesti<br>Box 1450, Alexandria, V<br>Alexandria, Virginia 223 | nation is required by 37 C<br>tiality is governed by 35<br>d application form to the<br>ions for reducing this but<br>(irginia 22313-1450. DC<br>k13-1450.                       | EFR 1.311. The informati<br>U.S.C. 122 and 37 CFR<br>USPTO. Time will var<br>rden, should be sent to the<br>ONOT SEND FEES OR | on is required to obtain<br>1.14. This collection is<br>y depending upon the is<br>the Chief Information O<br>COMPLETED FORM | n or r<br>is est<br>indiv<br>Office<br>IS TO                            | etain a benefit by th<br>imated to take 12 m<br>idual case. Any cor<br>r, U.S. Patent and 7<br>D THIS ADDRESS.               | e publ<br>inutes<br>nment<br>fraden<br>SENI | ic which is to file (and<br>to complete, includin<br>s on the amount of tir<br>ark Office, U.S. Depa<br>D TO: Commissioner I | l by<br>g ga<br>ne y<br>artm<br>for F   | the USPTO to process)<br>thering, preparing, and<br>ou require to complete<br>ent of Commerce, P.O.<br>Patents, P.O. Box 1450, |

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# UNITED STATES PATENT AND TRADEMARK OFFICE

### NITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Offic Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

DATE MAILED: 10/20/2008

| APPLICATION NO.                       | FILING DATE    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |  |
|---------------------------------------|----------------|----------------------|---------------------|------------------|--|--|
| 10/799,600                            | 03/15/2004     | Ronald W. McGehee    | P08207US02/MP       | 8262             |  |  |
| 881 75                                | 590 10/20/2008 |                      | EXAMINER            |                  |  |  |
| STITES & HARBISON PLLC MILLER, BENA B |                |                      |                     |                  |  |  |
| 1199 NORTH FAI                        | RFAX STREET    |                      | ART UNIT            | PAPER NUMBER     |  |  |
| SUITE 900<br>ALEXANDRIA, V            | /A 22314       |                      | 3725                |                  |  |  |

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 285 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 285 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

## Application No. Applicant(s) 10/799 600 MCGEHEE ET AL. Notice of Allowability Examiner Art Unit Rena Miller 3725 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to 08/29/08. 2. The allowed claim(s) is/are 1-21 and 25. 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) $\square$ All b) ☐ Some\* c) ☐ None of the: 1. T Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: \_\_\_\_\_. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. | Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application 2. Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413), Paper No./Mail Date Information Disclosure Statements (PTO/SB/08). 7. X Examiner's Amendment/Comment Paper No./Mail Date 4. T Examiner's Comment Regarding Requirement for Deposit 8. T Examiner's Statement of Reasons for Allowance of Biological Material

Other .

Art Unit: 3725

## EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

This application is in condition for allowance except for the presence of claims 22-24 directed to an invention non-elected without traverse. Accordingly, claims 22-24 have been cancelled.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bena Miller whose telephone number is 571.272.4427. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on 571-272-4419. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/799,600 Page 3

Art Unit: 3725

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Bena Miller/ Primary Examiner, Art Unit 3725 October 10, 2008